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FM SECSTATE WASHDC
TO RUEHUL/AMEMBASSY SEOUL 0000
INFO RUEHBK/AMEMBASSY BANGKOK 0000
RUEHBJ/AMEMBASSY BEIJING 0000
RUEHML/AMEMBASSY MANILA 0000

S E C R E T STATE 023578

NOFORN
SEOUL FOR RSO IMO AND ESO
BEIJING FOR ESC
MANILA FOR RDSE (ACTING)
BANGKOK FOR RIMC
SIPDIS

E.O. 12958: DECL: UPON CLOSURE OF U.S. EMBASSY SEOUL
TAGS: [AADP](#) [ABLD](#) [ACOA](#) [AMGT](#) [ASEC](#) [KSEO](#) [KRIM](#) [KGIT](#) [KNET](#) [KCIP](#)
SUBJECT: TEMPEST COUNTERMEASURES REQUIREMENTS - SEOUL

REF: 00 STATE 126075

Classified By: M.J. STEAKLEY, DS/ST/CMP, REASON: 1.4 (C) AND (G)

11. (S/NF) These revised TEMPEST countermeasures requirements are effective immediately. Requirements apply to the Chancery at Seoul, located at 82 Sejong-ro. Post's relevant threat levels at the time of this telegram are High for Technical and High for Human Intelligence.

12. (S) TEMPEST requirements are determined by the Certified TEMPEST Technical Authority (CTTA) and approved by the Countermeasures Division Director. These requirements apply to all information processing systems for this facility.

1A. (S) TOP SECRET and SCI CLASSIFIED Automated Information System (AIS): Post is authorized to use TEMPEST Level 1 AIS equipment for processing classified national security information (NSI) at the TOP SECRET or SCI level within the Embassy core area of the CAA. Post is authorized to use Commercial-off-the-Shelf (COTS) AIS equipment within a CSE or equivalent that meets NSA 94-106 specifications. Use of higher level equipment is approved.

1B. (S) SECRET (COLLATERAL) CLASSIFIED (AIS): Seoul is authorized to use TEMPEST Level 1 AIS equipment for processing classified NSI at the SECRET level within restricted and core areas of the CAA. Post was previously authorized Zone A equipment, but that equipment category is being phased out and is no longer being procured. By October 1, 2013, Seoul must have replaced all Zone A classified processing equipment with TEMPEST Level 1 equipment. Post is authorized to use COTS AIS equipment within a certified shielded enclosure (CSE) or equivalent that meets NSA 94-106 specifications.

1C. (S) SENSITIVE BUT UNCLASSIFIED AIS: Use of COTS AIS for processing unclassified and sensitive but unclassified (SBU) within the Embassy restricted area and core area of the CAA is approved. Unclassified and multimedia equipped unclassified processing equipment to be used within a CAA must be purchased, shipped, stored, installed, maintained and repaired in accordance with 12 FAH-6 H-542, and may not be located inside a CSE.

13. (S) Secure video teleconferencing (SVDC), if requested, will be addressed in a SEPTTEL following completion of coordination with VCI/VO.

14. (S) All Classified Automated Information System (CAIS) equipment, components and peripherals must be secured in accordance with Overseas Security Policy Board (OSPB) requirements for classified discussion, processing and/or

storage overseas. Thin Clients with embedded flash memory, at facilities with 24-hour cleared American presence, are permitted to remain unsecured within the Controlled Access Areas (CAA) as long as the equipment is rebooted prior to vacating the premises.

¶5. (S) Fiber optic cabling is required for classified connectivity. Fiber optic cabling is also required for unclassified (SBU) connectivity for any IT equipment located within a CSE. Equipment used to process classified information outside a CSE must be installed, to the maximum extent possible, in accordance with Recommendation A of NSTISSAM TEMPEST 2-95 with the following additional requirements:

- Be located a minimum of one meter (three feet spherical) from other computer and electronic equipment used for unclassified information processing.
- Be located a minimum of one meter (three feet spherical) from telephones, modems, facsimile machines, and unshielded telephone or signal lines that do not leave USG-controlled property (for example, phone lines that go to the post phone switch).
- Be located a minimum of two meters (six feet spherical) from telephones, modems, facsimile machines, and unshielded telephone or signal lines that transit USG-controlled property (for example, direct phone lines that do not go through the post telephone switch, telephone switch lines going out, any wire going to antennas on the roof, etc).
- Be located a minimum of 3 meters (ten feet spherical) from active radio transmitters (two-way radios, high frequency transceivers, satellite transceivers, cellular devices, Wi-Fi devices, Bluetooth, etc.) and must not use the same AC power circuit as active radio transmitters (to include cell phone chargers).
- Be located a minimum of three meters (ten feet spherical) from cable television antenna feeds and any Warren switch with the switch on. This distance can be reduced to one meter if the Warren switch is off when processing classified.
- Be located to have no physical contact with any other office equipment or cabling.

¶6. (S) Classified conversations up to SECRET may be conducted in the CAA offices or vaults in accordance with 12 FAH-6 H-313.10-4. Classified discussions shall be conducted in CAA spaces with DS-approved acoustic countermeasures or in secure conference rooms (SCRs) or equivalent according to the OSPB Conduct of Classified Conversations standard. Classified conversations above the SECRET level are restricted to relevant core areas.

¶7. (U) All requirements apply to all agencies under Chief of Mission authority and pertain to the Chancery building only. Tenant agencies may employ additional TEMPEST countermeasures within their respective offices.

¶8. (U) For further information or clarification regarding 12 FAH-6 H-540 Automated Information Systems Standards, please contact DS/CS/ETPA. For other, TEMPEST related issues, please contact the Department CTTA at DSCTTA@state.sgov.gov.

¶9. (U) Post must verify that these TEMPEST countermeasures have been implemented and report so in an updated Technical Security Assessment (TSA). All proposed change requests to a CAA countermeasures environment must be sent to the Department, identified for DS/ST/CMP action.

¶10. (U) This telegram should be retained by Post until superseding requirements are received.

CLINTON